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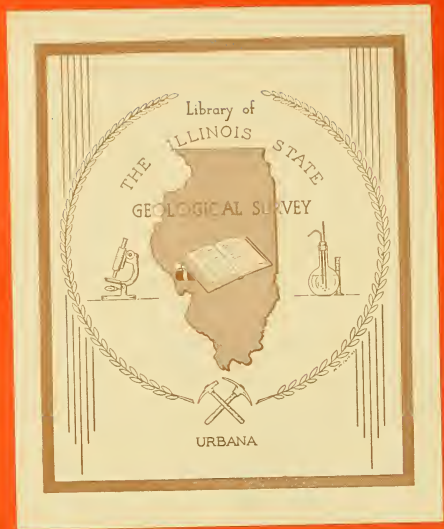
STATE OF ILLINOIS
DEPARTMENT OF REGISTRATION AND EDUCATION

ILLINOIS MINERAL
PRODUCTION
BY COUNTIES, 1967

W. L. Busch



ILLINOIS STATE GEOLOGICAL SURVEY



ILLINOIS STATE GEOLOGICAL SURVEY



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ILLINOIS MINERAL PRODUCTION
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Illinois, one of the foremost mineral-rich states of the nation, produces a variety of minerals from its many mines, pits, quarries, and wells. The total annual value of the minerals produced has exceeded 600 million dollars since 1956.

The value of minerals reported produced in Illinois during 1967 totaled 650 million dollars. This amount was the highest annual value ever recorded for mineral production in the state and exceeded by six million dollars the former all-time high value of 644 million dollars established in 1966.

Mineral resources of Illinois provide the basis for a wide range of economic activity throughout the state. The tables of this report summarize the total values of fuels, building and construction materials, and other minerals for special uses produced by each county in Illinois during 1967.

In 1967, the total value of coal produced in Illinois amounted to 251.5 million dollars, or about 38.7 percent of the value of all minerals, and was the largest single item among the values of all Illinois mineral products. Twenty-five counties in the state produced about 64.8 million tons of bituminous coal in 1967.

Production of crude oil from Illinois wells, located in 42 counties in 1967, was estimated at 60.1 million barrels and was valued at 181.5 million dollars. The total value of this oil was the second largest single item among the total values of all Illinois mineral products and supplied about 28.0 percent of the state total. The combined value of fuels—coal and oil—was 66.7 percent of all Illinois mineral production in 1967.

Stone products produced in Illinois during 1967 were crushed stone, cement, and lime. The combined total value of these products placed them after fuels as the second most valuable group of materials produced in Illinois. As a group these three stone products contributed about 16.9 percent of the state total mineral value in 1967. Two Illinois counties (Adams and Cook) produced lime, and three counties (LaSalle, Lee, and Massac) produced

cement in 1967. A total of 227 commercial operations located in 60 counties throughout the state in 1967 produced 44.8 million tons of crushed and broken stone that was valued at \$63.1 million dollars.

In 1967, 41 clay products plants located in 24 counties throughout Illinois reported, as a group, the production of face brick and common brick, structural tile, drain and sewer tile, refractories, lightweight aggregate, and whiteware and pottery. The reported value of these various clay products amounted to about 46.1 million dollars, or 7.1 percent of the value of all minerals produced in the state in 1967. LaSalle County was the top-ranking county in the state in the production of clay products. McDonough County was second, Cook County third, and Knox County fourth in the production of clay products in 1967.


Common sand and gravel are important materials in Illinois for various building and construction purposes. In 1967, a total production of 33.5 million tons of sand and gravel was reported by commercial operators. The combined total value of these materials amounted to 30.4 million dollars. The total value of silica sand produced in 1967 was about 12.9 million dollars. In 1967, only very small amounts of natural bonded molding sand were produced. The total value of all sands and gravel produced in 1967 furnished about 6.8 percent of the total Illinois mineral product value.

Two Illinois counties, Hardin and Pope, produce fluorspar, and three counties, Hardin, Jo Daviess, and Pope, produce zinc and lead. The combined values of these minerals amounted to about 16.2 million dollars, or 2.5 percent of the state's entire mineral value for 1967.

The value in dollars of each county's contribution to the state's total mineral production for 1967 is shown in the tables on pages 6 to 10. The tables, which group the counties within regions, also show the various mineral commodities produced in each county in order of importance. The regional and county outlines are shown on a map at the end of this report. In order not to disclose confidential production information, it has been necessary to combine the value of mineral production of some counties.

In 1967, six counties—Cook, LaSalle, Perry, Franklin, Fulton, and St. Clair—each produced more than 30 million dollars worth of minerals. Counties that produced between 20 and 30 million dollars worth of minerals during the year include Williamson, Christian, Fayette, and Lawrence. In addition, 12 counties reported mineral production ranging in value from 10 to 20 million dollars. Of the 102 counties in Illinois, 99 reported commercial mineral production for 1967.

The rank of Illinois counties, in total dollar value of all minerals produced during 1967, is shown in the table on page 5. Although each county holds a specific rank in the state, the position of some counties is withheld to avoid disclosing certain production information. Such counties have been combined with another county in the same region. The combined total mineral production value for these counties has been listed among the individual counties in the table on page 5. All counties in the state are accounted for in this table.



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ILLINOIS MINERAL PRODUCTS AND MAJOR PRODUCING
COUNTIES, 1967

Mineral product	Counties in order of rank
Cement ^a	LaSalle, Lee, Massac
Clay products	LaSalle, McDonough, Cook, Knox, Will, Kane, DuPage, Grundy, Warren
Coal	Perry, Fulton, Franklin, St. Clair, Williamson, Christian, Randolph, Montgomery, Jefferson
Crude oil	Fayette, Lawrence, White, Wayne, Hamilton, Marion, Crawford, Clay, Wabash
Fluorspar ^b	Hardin, Pope
Lead ^a	Hardin, Jo Daviess, Pope
Lime ^b	Cook, Adams
Natural bonded molding sand ^a	Henry, Rock Island, Fayette
Common sand	McHenry, Bureau, Will, Grundy, Winnebago, Kane, Rock Island, Cook, Lake
Common gravel	McHenry, Kane, Will, Grundy, Tazewell, LaSalle, Peoria, McLean, Winnebago
Silica sand ^b	LaSalle, Ogle
Stone	Cook, Will, Kankakee, St. Clair, Livingston, Rock Island, Hardin, Randolph, DuPage
Tripoli ^c	Alexander
Zinc ^a	Hardin, Jo Daviess, Pope

^a Only three producing counties.

^b Only two producing counties.

^c Only one producing county.

SUMMARY OF ILLINOIS MINERAL PRODUCTION, 1966-1967

Material	Unit	1966		1967	
		Quantity	Value at plants	Quantity	Value at plants
Coal - bituminous	tons	63,212,697	\$243,368,883	64,814,771	\$251,481,312
Crude oil	bbls	61,982,000	185,946,000	60,115,000	181,547,300
Crushed stone	tons	42,579,368	57,412,100	44,836,956	63,116,345
Cement	bbls	9,817,471	30,485,395	9,660,045	32,036,282
Clay products	--	--	54,901,990	--	46,114,642
Common sand	tons	14,371,000	12,139,000	15,562,000	13,183,000
Common gravel	tons	19,027,000	17,296,000	17,946,000	17,191,000
Silica sand	tons	3,853,000	13,145,000	3,825,000	12,895,000
Fluorspar	tons	176,175	8,001,803	210,207	9,858,743
Zinc	tons	15,192	4,405,680	20,416	5,652,374
Lead	tons	2,285	690,756	2,384	667,520
Other materials	--	--	16,207,393	--	16,256,482
TOTAL			\$644,000,000		\$650,000,000

VALUE OF ILLINOIS REGIONAL MINERAL PRODUCTION, 1962-1967

Region	Value at plants		
	1962	1963	1964
Northwest	\$ 25,385,598	\$ 24,790,496	\$ 23,764,752
Northeast	109,636,239	99,880,180	105,642,713
West	45,068,843	46,840,320	52,801,695
Central	22,725,054	22,011,242	16,273,648
East	14,123,805	13,150,956	12,935,550
West-southwest	43,767,554	44,332,911	44,264,466
East-southeast	146,865,137	135,043,156	128,222,889
Southwest	85,958,950	90,616,067	94,869,344
Southeast	137,468,820	138,334,672	139,224,943
TOTAL	\$631,000,000	\$615,000,000	\$618,000,000

Region	Value at plants		
	1965	1966	1967
Northwest	\$ 20,816,139	\$ 21,457,316	\$ 24,101,568
Northeast	108,912,440	109,495,206	111,689,340
West	54,102,781	55,889,208	53,950,971
Central	17,541,957	18,131,790	17,152,078
East	12,502,670	13,287,698	12,697,460
West-southwest	44,439,585	48,628,029	49,452,000
East-southeast	117,761,494	113,717,932	100,464,801
Southwest	105,691,548	118,043,155	124,829,821
Southeast	136,731,386	145,349,666	155,661,961
TOTAL	\$618,500,000	\$644,000,000	\$650,000,000

ILLINOIS COUNTIES RANKED ACCORDING TO TOTAL VALUE
OF MINERALS PRODUCED IN 1967^{a,b}

Rank	County	Rank	County	Rank	County	Rank	County
1.	Cook		Crawford	45.	Edwards	70.	Pike
2.	LaSalle		Cumberland	46.	Rock Island		
3.	Perry			48.	Jo Daviess		Menard
4.	Franklin	22.	Knox	49.	Winnebago		Mason
5.	Fulton			50.	Adams		
6.	St. Clair		Grundy	51.	Clark	71.	Champaign
7.	Williamson		DuPage	52.	Stark		
				53.	Ogle		Mercer
	Marion	25.	Wabash				Putnam
	Clay	26.	Peoria		Effingham		
		27.	McDonough		Shelby		
	Christian	29.	Richland				
	Bond	30.	Kane	54.	Sangamon		
	White		Clinton		Johnson		
	Gallatin		Washington		Pulaski		
9.	Fayette	31.	Vermilion		Warren		
		34.	Jasper		Schuyler		
	Jefferson	36.	McHenry				
	Massac			57.	Macoupin		
			Jackson	58.	Lake		Ford
10.	Lawrence		Monroe	59.	Greene		Iroquois
12.	Randolph			60.	Bureau		
13.	Wayne	37.	Livingston	62.	Union	90.	Carroll
14.	Hamilton	38.	Madison			91.	Brown
		39.	Kankakee		DeWitt	92.	Jersey
	Hardin				Macon	93.	Woodford
	Pope		Douglas			96.	Calhoun
			Moultrie	63.	Alexander		
17.	Montgomery			66.	McLean	100.	Cass
19.	Saline	43.	Coles	67.	Marshall	101.	Morgan
20.	Will	44.	Tazewell	69.	DeKalb	102.	Piatt
21.	Lee						

^a Table based on information recorded on following pages of this report.

^b The rank of each individual county is based on numbered rank of all counties from 1 through 102. The individual rank of combined counties cannot be given.

^c The total of combined counties is placed in proper order among totals of single counties.

^d No commercial mineral production reported for 1967.

ILLINOIS MINERAL PRODUCTION BY COUNTY, NORTHWEST REGION, 1967

County	Total value all minerals	Minerals produced, in order of value
Bureau	\$ 1,350,000	Sand, gravel
Carroll	217,840	Stone, gravel, sand
Henry	292,000	Stone, natural bonded molding sand, sand, gravel
Jo Daviess	2,294,645	Zinc, stone, lead, sand, gravel
Lee	11,050,277	Cement, stone, gravel, sand
Mercer } Putnam }	704,300	Clay products, stone, coal Gravel
Ogle	2,192,825	Silica sand, stone, gravel, sand
Rock Island	2,589,620	Stone, sand, gravel, natural bonded molding sand
Stephenson	695,200	Stone, gravel, sand
Whiteside	434,155	Stone, sand, gravel
Winnebago	2,280,706	Sand, stone, gravel
TOTAL	\$24,101,568	

ILLINOIS MINERAL PRODUCTION BY COUNTY, NORTHEAST REGION, 1967

County	Total value all minerals	Minerals produced, in order of value
Boone	\$ 476,217	Stone, gravel
Cook	40,788,330	Stone, lime, clay products, sand, gravel
DeKalb	763,684	Stone, gravel, sand
Grundy } DuPage }	9,204,372	Clay products, gravel, sand, coal Clay products, stone, gravel, sand
Kane	5,711,683	Clay products, gravel, stone, sand
Kendall	569,700	Stone, gravel, sand
Lake	1,587,000	Clay products, sand, gravel
LaSalle	36,994,538	Cement, silica sand, clay products, gravel, sand, stone
McHenry	3,994,638	Gravel, sand, stone
Will	11,599,178	Stone, clay products, gravel, coal, sand
TOTAL	\$111,689,340	

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ILLINOIS MINERAL PRODUCTION BY COUNTY, WEST REGION, 1967

County	Total value all minerals	Minerals produced, in order of value
Adams	\$ 2,252,973	Stone, lime, coal, sand, gravel, crude oil
Brown	164,520	Clay products, stone, sand, crude oil, gravel
Fulton	31,874,786	Coal, gravel, sand
Hancock	539,281	Stone, crude oil
Henderson	446,713	Stone, sand
Knox	10,048,398	Coal, clay products, stone, gravel
McDonough	6,774,051	Clay products, stone, crude oil
Warren } Schuyler }	1,850,249	Clay products, stone Stone, gravel, sand
TOTAL	\$53,950,971	

ILLINOIS MINERAL PRODUCTION BY COUNTY, CENTRAL REGION, 1967

County	Total value all minerals	Minerals produced, in order of value
DeWitt } Macon }	\$ 1,122,060	Crude oil, gravel Gravel, sand, crude oil
Logan	639,735	Stone, gravel, sand, coal
McLean	829,000	Gravel, sand
Marshall	813,885	Clay products, gravel, sand
Menard } Mason }	711,200	Stone Sand
Peoria	8,031,338	Coal, stone, gravel, sand
Stark	2,227,388	Coal
Tazewell	2,678,472	Clay products, gravel, sand
Woodford	99,000	Gravel, sand
TOTAL	\$17,152,078	



ILLINOIS MINERAL PRODUCTION BY COUNTY, EAST REGION, 1967

County	Total value all minerals	Minerals produced, in order of value
Champaign	\$ 708,040	Sand, gravel, crude oil
Ford } Iroquois }	241,000	Gravel, sand Gravel
Kankakee	3,306,323	Stone, clay products, sand
Livingston	3,487,403	Stone, clay products, gravel, sand
Piatt	--	No mineral production reported for 1967
Vermilion	4,954,694	Coal, stone, clay products, gravel, sand
TOTAL	\$12,697,460	

ILLINOIS MINERAL PRODUCTION BY COUNTY, WEST-SOUTHWEST REGION, 1967

County	Total value all minerals	Minerals produced, in order of value
Calhoun	\$ 49,221	Stone
Cass	--	No mineral production reported for 1967
Christian } Bond }	24,278,641	Coal, crude oil, stone Crude oil, sand, gravel
Greene	1,378,465	Clay products, stone, coal
Jersey	146,379	Stone
Macoupin	1,626,350	Coal, crude oil
Madison	3,320,108	Stone, clay products, crude oil, sand
Montgomery	15,197,503	Coal, stone, crude oil
Morgan	--	No mineral production reported for 1967
Pike	716,993	Stone, gravel, sand
Sangamon	2,035,309	Clay products, sand, crude oil, gravel
Scott	703,031	Clay products, stone
TOTAL	\$49,452,000	

ILLINOIS MINERAL PRODUCTION BY COUNTY, EAST-SOUTHEAST REGION, 1967

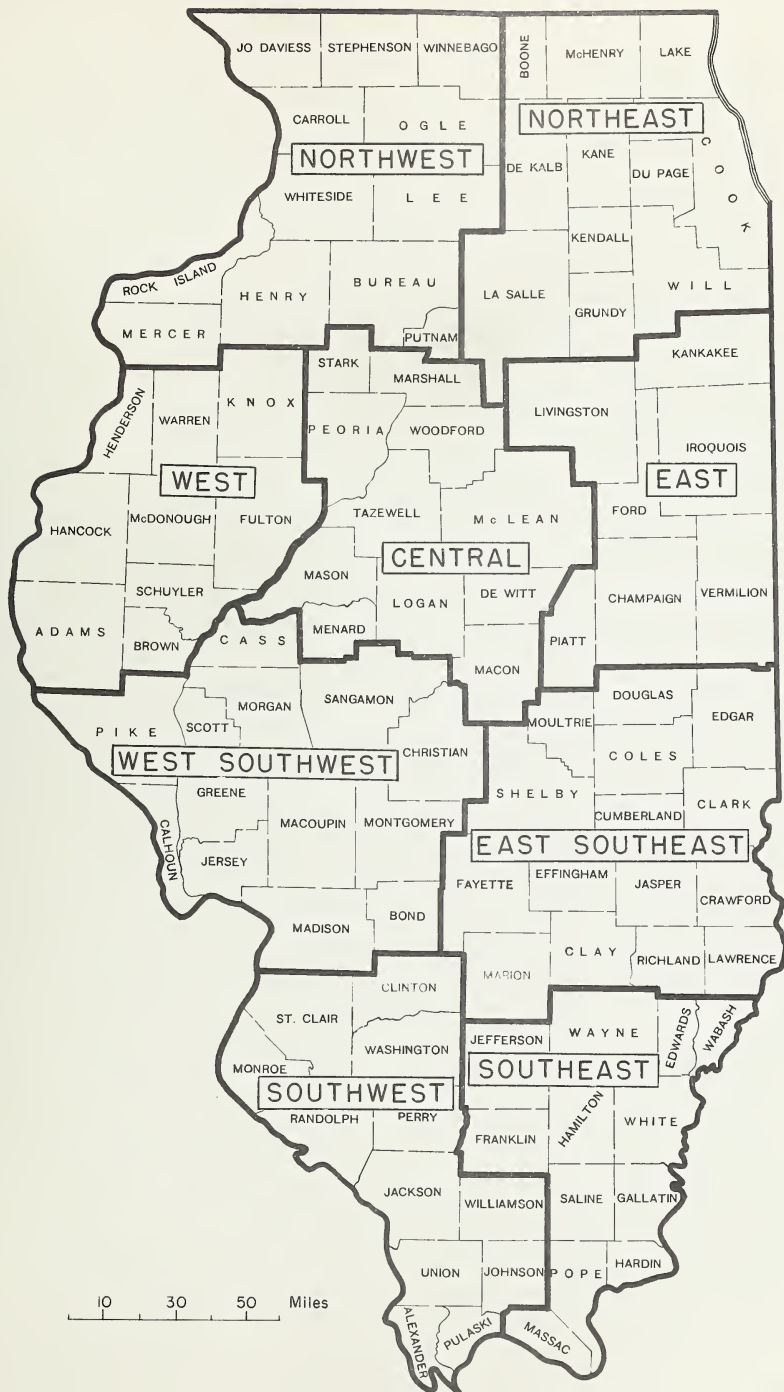
County	Total value all minerals	Minerals produced, in order of value
Clark	\$ 2,242,294	Crude oil, stone, gravel, sand
Coles	2,804,760	Crude oil, stone, sand, gravel
Crawford } Cumberland }	11,016,841	Crude oil, gravel, gas, sand Crude oil, stone, gravel, sand
Douglas } Moultrie }	3,215,806	Coal, crude oil, stone Crude oil, gravel
Edgar	274,820	Crude oil
Effingham } Shelby }	2,091,040	Crude oil, sand Crude oil, sand, gravel
Fayette	23,417,602	Crude oil, stone, clay products, gas, sand, gravel, natural bonded molding sand
Jasper	4,389,316	Crude oil, gas
Lawrence	20,786,083	Crude oil, gravel, sand, gas
Marion } Clay }	24,432,204	Crude oil, stone, gas Crude oil, stone, gas
Richland	5,794,035	Crude oil, gas
TOTAL	\$100,464,801	

ILLINOIS MINERAL PRODUCTION BY COUNTY, SOUTHWEST REGION, 1967

County	Total value all minerals	Minerals produced, in order of value
Alexander	\$ 1,094,756	Tripoli, sand, sandstone
Clinton } Washington }	5,425,299	Crude oil, stone, gas Crude oil, stone, coal
Jackson } Monroe }	3,753,151	Coal, stone, sand Stone
Johnson } Pulaski }	1,899,000	Stone Stone, clay products
Perry	36,252,690	Coal, crude oil
Randolph	18,986,027	Coal, stone, crude oil, sand
St. Clair	30,097,486	Coal, stone, clay products, sand
Union	1,138,500	Stone, gravel, sand
Williamson	26,182,912	Coal, crude oil
TOTAL	\$124,829,821	

ILLINOIS MINERAL PRODUCTION BY COUNTY, SOUTHEAST REGION, 1967

County	Total value all minerals	Minerals produced, in order of value
Edwards	\$ 2,657,600	Crude oil
Franklin	34,405,793	Coal, crude oil, gas
Hamilton	16,907,126	Crude oil, gas
Hardin } Pope }	16,052,615	Fluorspar, zinc, stone, lead Zinc, fluorspar, lead
Jefferson } Massac }	23,229,595	Coal, crude oil, stone, gas Cement, stone, sand, gravel
Saline	13,404,026	Coal, crude oil, gas
Wabash	8,140,993	Crude oil, gravel, sand, gas
Wayne	17,049,066	Crude oil, gas
White } Gallatin }	23,815,147	Crude oil, gravel, sand, gas Crude oil, coal, sand, gravel, gas
TOTAL	\$155,661,961	



MINERAL ECONOMICS BRIEFS SERIES

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LIBRARY

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- *3. Summary of Illinois Mineral Production in 1960: W. L. Busch. October 1961.
4. Summary of Illinois Mineral Production by Commodities, 1941-1960: W. L. Busch. April 1962.
5. Summary of Illinois Mineral Production in 1961: W. L. Busch. October 1962.
- *6. Directory of Illinois Sand and Gravel Producers: W. L. Busch. April 1963.
7. Illinois 1962 Mineral Production by Counties: W. L. Busch. April 1964.
8. Directory of Illinois Mineral Producers: W. L. Busch. June 1964.
- *9. Illinois 1963 Mineral Production by Counties: W. L. Busch. February 1965.
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